

Fig. 2 is a partial sectional view showing the components in assembled condition;

Fig. 3 is a sectional view according to Fig. 2 in different axis;  
Figs. 4 and 5 show alternative assemblies produced using the modular components.

DETAILED DESCRIPTION OF THE INVENTION--.

IN THE CLAIMS:

Page 7, line 1, please delete "Claims" and insert therefore  
--What is Claimed is:--

Please amend the claims as follows:

1. Prefabricated buildings or houses according to a modular steel frame construction method substantiated by the fact that the modular steel frame construction method consists of the combination of a ceiling frame (6), of a floor frame (1) and of Z-shaped sections welded inside the floor frame (1) in order to form flanges, of the floor layer (3), of a twinned pillar (4) with interconnecting welded bridges, the pillar being connected to the floor frame (1) and the ceiling frame (6) by the use of a transverse bearer (7) and of pins (5).

2. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method according to [as claimed in] claim 1, substantiated by the fact that the floor frame (1) consists of a standardized section C 160, St 37 or St 52 or/and other possible sections and that it is bevelled and welded.

6. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1 [to 5], substantiated by the fact that the twinned pillar (4) is connected to the floor frame (1) and the ceiling frame (6)

through junction gussets in conformity with statics specifications.

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7. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1 [to 6], substantiated by the fact that the number of the twinned pillars (4) is determined by statics requirements.

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8. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1 [to 7], substantiated by the fact that the pins (5) consist of solid turned bars of St 37 or other conceivable materials, and that they are used for connecting vertically the twinned pillars (4) of two modules placed one on top of another.

9. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1 [to 8], substantiated by the fact that the combination of the twinned pillars (4) with the pins (5) ensures the accurate vertical and horizontal structure of the building by means of a simple plug-in connection.

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10. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1 [to 9], substantiated by the fact that the ceiling frame (6) consists of an L-shaped sheet-steel section, St 37 or 52 or of other conceivable materials or sections.

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11. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1

[to 10], substantiated by the fact that the ceiling frame (6) consists of an edged or rolled L-section 250/75/5 or other conceivable sections.

12. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1 [to 11], substantiated by the fact that the frames (1) and (6) are bevelled and welded at their angles or corners.

13. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1 [to 12], substantiated by the fact that C 60, C 80 or other sections (transverse bearer) (7) are welded into the ceiling frame, perpendicular to its longitudinal direction and in an axial distance depending upon statics specifications.

14. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1 [to 13], substantiated by the fact that the combination of the ceiling frame (6) with the floor frame (1) generates a twinned beam (9) allowing a cantilever span of up to 14 m.

15. (Amended) Flange or stay ~~strengthen~~er (inserted passage)

16. (Amended) Prefabricated buildings or houses according to a modular steel frame construction method as claimed in claim[s] 1 [to 14], substantiated by the fact that the twinned beams (9) are interconnected either by screw-bolts or through welding, the method of interconnection depending upon the cantilever span.